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United Nations Economic Commission for Europe  
Statistical Division

# UNECE work on SDG monitoring and data integration

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# SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD



UNECE

**1** NO POVERTY

**2** ZERO HUNGER

**3** GOOD HEALTH AND WELL-BEING

**4** QUALITY EDUCATION

**5** GENDER EQUALITY

**6** CLEAN WATER AND SANITATION

**7** AFFORDABLE AND CLEAN ENERGY

**8** DECENT WORK AND ECONOMIC GROWTH

**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE

**10** REDUCED INEQUALITIES

**11** SUSTAINABLE CITIES AND COMMUNITIES

**12** RESPONSIBLE CONSUMPTION AND PRODUCTION

**13** CLIMATE ACTION

**14** LIFE BELOW WATER

**15** LIFE ON LAND

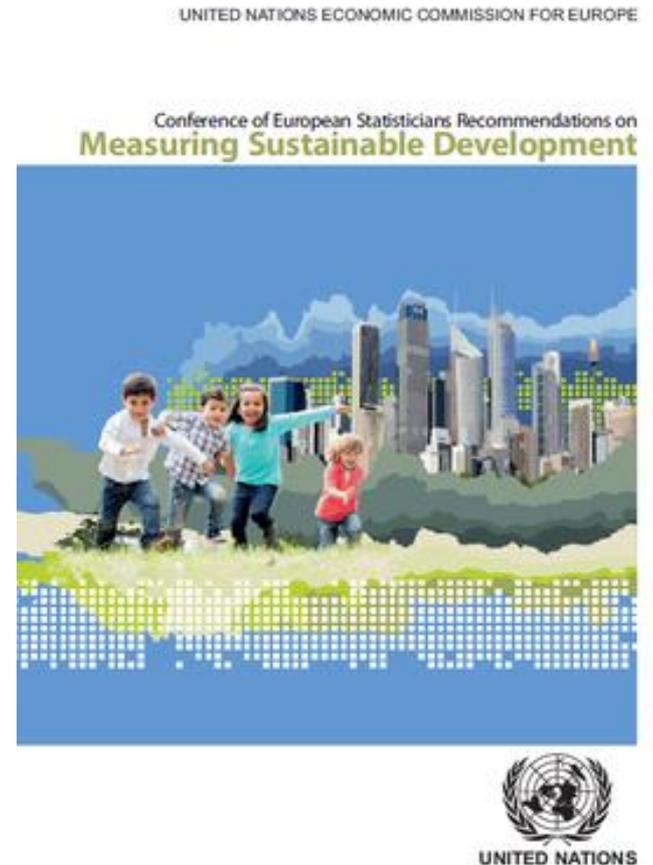
**16** PEACE, JUSTICE AND STRONG INSTITUTIONS

**17** PARTNERSHIPS FOR THE GOALS

**SUSTAINABLE DEVELOPMENT GOALS**

# Measuring Sustainable Development

- ❖ UNECE's work on measuring Sustainable Development started in 2005
- ❖ *CES Recommendations* (2013)
- ❖ *Declaration of the role of NSOs in measuring and monitoring SDGs* (2015)
- ❖ *Adjusting CES Recommendations to SDGs* (2015)
- ❖ *Steering Group on statistics for SDGs* (2016)





# Forthcoming events

- ❖ Expert meeting on statistics for SDGs – Geneva, 10-12 April 2017
- ❖ Workshop on statistics for SDGs (for SEE and EECCA countries) – Geneva, 12-13 April 2017
- ❖ 65th plenary session of the Conference of European Statisticians (CES) – Geneva, 19-21 June 2017



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# CES Steering Group on Statistics for SDGs

- ❖ Switzerland and USA (co-Chairs), Canada, Denmark, France, Germany, Italy, Kyrgyzstan, Mexico, Netherlands, New Zealand, Poland, Moldova, Russia, Sweden, Turkey, UK, Eurostat, OECD and UNECE
- ❖ Aim: Guide the CES work on statistics for SDGs - what, who, when, with whom needs to be done
- ❖ Prepare a **Road map** on official statistics for SDGs [*currently under consultation among CES members*]
- ❖ Follow-up on the implementation of the road map



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# Road map on statistics for SDGs

Living document with 6 substantive sections:

- ❖ Establishing national mechanisms for collaboration
  - Role of NSO, dialogue with policymakers and institutional arrangements for reporting
  
- ❖ Assessing readiness to report on global SDG indicators
  - Identify data providers and data sources
  - Address data disaggregation requirements
  
- ❖ Developing regional, national and sub-national indicators
  - How to decide upon national indicators, criteria to be used, considerations of regional indicators in UNECE region, dissemination



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# Road map on statistics for SDGs

- ❖ Reporting on global SDG indicators
  - National reporting mechanisms
  - Data flow models
  
- ❖ Building statistical capacity for indicator reporting
  - Strategy for capacity building at national level
  - Identify partnerships
  
- ❖ Communication of statistics for SDGs
  - Communication strategy
  - Communication with policymakers



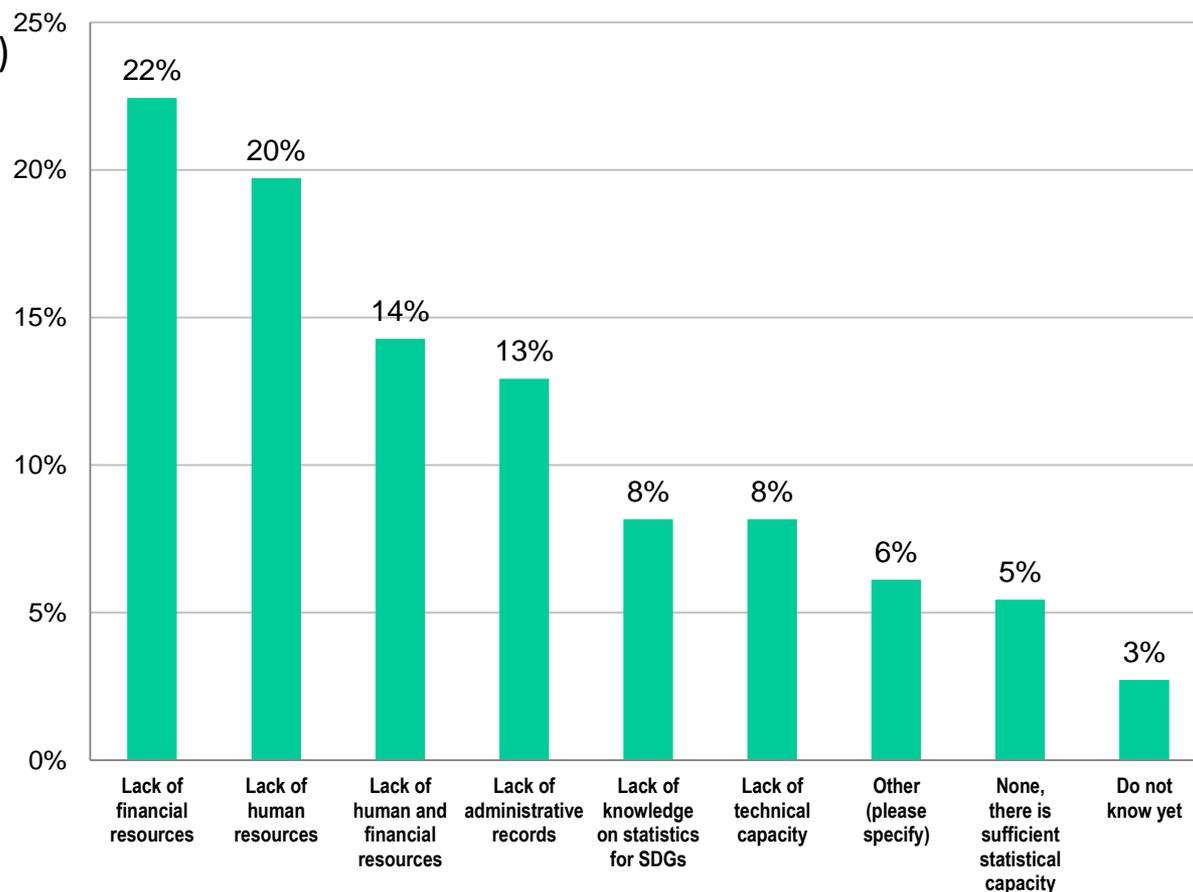
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# Road map on statistics for SDGs

- ❖ Every section contains **recommendations to NSOs + actions for Steering Group** or other involved actors (UNECE, OECD, Eurostat, UNSD, etc.)
  
- ❖ Electronic consultation with CES members
  - To be revised after the April Expert Meeting
  
- ❖ CES to approve the first edition in June 2017

# Survey on NSOs' strategies and plans related to statistics for SDGs

Capacity building most lacking



❖ 61 countries replied in total (UNECE+OECD: 57 countries, 92%)

❖ Preliminary results – Assessment on availability of indicators

- 66%: carried out
- 22%: will carry it out in 2017
- 7%: waiting for further guidelines from UN or government
- 2%: relying on custodian agencies
- 3%: other reasons

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# Outputs of the Steering Group's work



- ❖ First version of the Road Map
- ❖ Organisation of Expert Meeting on statistics for SDGs
- ❖ Self-assessment template for countries on availability of global SDG indicators
- ❖ Survey on NSOs' strategies and plans related to statistics for SDGs
- ❖ Public [Wiki on statistics for SDGs](#)
- ❖ Set up a Task Force on reporting SDG indicators using NRPs



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# TF on National Reporting Platforms

- ❖ Members: Poland (chair), Canada, Germany, Mexico, Sweden, UK, USA, UNSD and UNECE
  
- ❖ Objective: Facilitate countries' decision about national reporting mechanisms regarding SDG indicators, specifically about the development of national reporting platforms
  
- ❖ **Phase 1:**
  - Technical Description of National Reporting Platforms
  - Guidelines for national SDG indicators reporting mechanisms
  - To be presented at Expert Meeting in April 2017 and CES in June 2017
  
- ❖ **Phase 2:** Assist other countries replicating best practices identified in the first phase

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## Data to support SDGs

- ❖ The range of indicators and level of detail in the breakdowns mean that traditional data sources will often not be sufficient
- ❖ New data sources are often seen as unreliable and inconsistent over time
- ❖ Solution: a blend of traditional and new data sources, combined with statistical modelling

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# Data integration

- ❖ Statistics based on a blend of
  - Survey data
  - Administrative data
  - New data / Big Data
  - Geospatial data
  - Modelled data
  - .....



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# Data integration project

- ❖ Under the High-Level Group for the Modernisation of Official Statistics
- ❖ Part of the  initiative  
BY HLG - MOS
- ❖ 13 countries + Eurostat + UNECE
- ❖ Led by Jenine Borowik (formerly ABS)



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# Data integration project - deliverables

- ❖ Development of an on-line guide (end 2017)
  - Quality measures for integrated data
  - Methodology – leading to CSPA-compliant tools
  - Data security and trust issues
  - On-line training resources
- ❖ Experiments
  - Geo-spatial and statistical data
  - Urban statistics
  - Prices data (survey + scanner data + web-scraping)



# Integrating standards?

- ❖ UNECE / UN-GGIM: Europe Workshop on Integrating Geospatial and Statistical Standards
- ❖ Stockholm, 6-8 November
- ❖ 4 topics:
  - Introducing statistical and geospatial standards
  - Examples of integrating standards
  - Challenges and solutions for creating geospatial statistical outputs
  - Future work on statistical and geospatial standards



# Geospatial work at UNECE

- ❖ Expert Group on GIS until 2001
- ❖ Data integration within the HLG on Modernisation -currently
- ❖ ECOSOC resolution in July 2016 – expecting a mandate end of April 2017 for closer work with UN-GGIM:Europe

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# More information

- ❖ CES Recommendations on Measuring Sustainable Development  
[http://www.unece.org/publications/ces\\_sust\\_development.html](http://www.unece.org/publications/ces_sust_development.html)
- ❖ CES Steering Group on statistics for SDGs (including the Road Map)  
<http://www.unece.org/statstos/ces-steering-group-on-statistics-for-sustainable-development-goals.html>
- ❖ Statistics for SDGs wiki  
<http://www1.unece.org/stat/platform/display/SFSDG>
- ❖ Data Integration wiki  
<http://www1.unece.org/stat/platform/display/DI>
- ❖ Expert meeting on statistics for SDGs  
<https://www.unece.org/index.php?id=45249>